Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020723\
Data File : BP013781.D
Acq On : 07 Feb 2023 16:58
Operator : CG/JU
Sample : SSTD02031
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 08 00:02:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 07 23:57:24 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020612

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/08/2023
Supervised By :Jagrut Upadhyay 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	175019	20.000	ng/ul	0.00
20) Naphthalene-d8	10.952	136	780788	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	566232	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1353551	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1497911	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1433621	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	33884	8.208	ng/uL	0.00
4) Pyridine-d5	3.905	84	252078	21.282	ng/ul	0.00
7) Phenol-d5	7.269	99	305051	19.831	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	186918	20.719	ng/ul	0.00
11) 2-Chlorophenol-d4	7.646	132	233677	20.724	ng/ul	0.00
15) 4-Methylphenol-d8	8.828	113	249607	20.355	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	111744	22.435	ng/ul	0.00
24) 2-Nitrophenol-d4	10.022	143	126952	21.871	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	263766	19.431	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	368204	20.538	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	902178	20.213	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	984955	19.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	156086	20.747	ng/ul	0.00
60) Fluorene-d10	15.751	176	769507	20.002	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	154223	20.332	ng/ul	0.00
73) Anthracene-d10	17.616	188	1250790	19.824	ng/ul	0.00
81) Pyrene-d10	19.828	212	1629089	19.500	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1451522	19.834	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	36358	8.452	ng/uL	100
5) Pyridine	3.923	79	248481	20.834	ng/ul	100
6) Benzaldehyde	7.252	77	143303	23.235	ng/ul	100
8) Phenol	7.299	94	317602	20.176	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.534	93	260760	20.614	ng/ul	100
12) 2-Chlorophenol	7.681	128	240447	21.048	ng/ul	100
13) 2-Methylphenol	8.563	108	241152	20.064	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	299232	19.979	ng/ul	100
16) Acetophenone	8.952	105	424202	22.190	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.934	70	209010	21.826	ng/ul	100
18) 4-Methylphenol	8.893	108	268757	20.589	ng/ul	100
19) Hexachloroethane	9.216	117	96218	21.518	ng/ul	100
22) Nitrobenzene	9.340	77	293662	21.829	ng/ul	100
23) Isophorone	9.869	82	618911	20.095	ng/ul	100
25) 2-Nitrophenol	10.058	139	141926	22.098	ng/ul	100
26) 2,4-Dimethylphenol	10.105	107	311247	21.448	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.346	93	373195	19.994	ng/ul	100
29) 2,4-Dichlorophenol	10.593	162	258822	19.702	ng/ul	100
30) Naphthalene	11.005	128	845042	20.478	ng/ul	100
32) 4-Chloroaniline	11.110	127	373843	20.720	ng/ul	100
33) Hexachlorobutadiene	11.287	225	179729	19.399	ng/ul	100
34) Caprolactam	11.887	113	87096m	19.608	ng/ul	
35) 4-Chloro-3-methylphenol	12.216	107	303495	21.570	ng/ul	100
36) 2-Methylnaphthalene	12.599	142	596575	20.310	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.816	142	617109	20.801	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.963	216	359815	19.237	ng/ul	100
40)	Hexachlorocyclopentadiene	12.940	237	207313	19.713	ng/ul	100
41)	2,4,6-Trichlorophenol	13.193	196	237507	19.169	ng/ul	100
42)	2,4,5-Trichlorophenol	13.269	196	259235	19.198	ng/ul	100
43)	1,1'-Biphenyl	13.599	154	854966	19.943	ng/ul	100
44)	2-Chloronaphthalene	13.640	162	669794	19.748	ng/ul	100
45)	2-Nitroaniline	13.840	65	164120	25.420	ng/ul	100
47)	Dimethylphthalate	14.210	163	895175	20.358	ng/ul	100
48)	2,6-Dinitrotoluene	14.334	165	157980	25.210	ng/ul	100
50)	Acenaphthylene	14.487	152	1055194	20.292	ng/ul	100
51)	3-Nitroaniline	14.663	138	143116	21.607	ng/ul	100
52)	Acenaphthene	14.822	153	737325	20.633	ng/ul	100
53)	2,4-Dinitrophenol	14.863	184	93722	19.255	ng/ul	100
55)	4-Nitrophenol	14.957	109	137103	23.907	ng/ul	100
56)	Dibenzofuran	15.157	168	1050837	20.245	ng/ul	100
57)	2,4-Dinitrotoluene	15.116	165	237896	24.170	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.381	232	245017	19.307	ng/ul	100
59)	Diethylphthalate	15.569	149	904029	21.415	ng/ul	100
61)	Fluorene	15.804	166	859541	20.348	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.798	204	446367	19.395	ng/ul	100
63)	4-Nitroaniline	15.822	138	137516	22.172	ng/ul	100
66)	4,6-Dinitro-2-methylph...	15.875	198	156395	20.718	ng/ul	100
67)	N-Nitrosodiphenylamine	16.010	169	746558	20.434	ng/ul	100
68)	4-Bromophenyl-phenylether	16.692	248	290663	18.875	ng/ul	100
69)	Hexachlorobenzene	16.816	284	332663	18.413	ng/ul	100
70)	Atrazine	16.957	200	297017	20.200	ng/ul	100
71)	Pentachlorophenol	17.157	266	207489	17.993	ng/ul	100
72)	Phenanthrene	17.557	178	1440682	20.150	ng/ul	100
74)	Anthracene	17.651	178	1473521	20.348	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.563	216	357876	18.559	ng/uL	100
76)	Pentachlorobenzene	15.075	250	370830	18.758	ng/uL	100
77)	Carbazole	17.910	167	1306177	20.791	ng/ul	100
78)	Di-n-butylphthalate	18.445	149	1565297	21.087	ng/ul	100
80)	Fluoranthene	19.504	202	1811241	18.600	ng/ul	100
82)	Pyrene	19.857	202	1994751	20.036	ng/ul	100
83)	Butylbenzylphthalate	20.710	149	717061	25.069	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.498	252	680962	20.015	ng/ul	100
85)	Benzo(a)anthracene	21.575	228	2084011	20.237	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.469	149	1078937	22.001	ng/ul	100
87)	Chrysene	21.627	228	1863501	19.221	ng/ul	100
89)	Di-n-octyl phthalate	22.451	149	1764454	23.364	ng/ul	100
90)	Benzo(b)fluoranthene	23.363	252	1945294	20.786	ng/ul	100
91)	Benzo(k)fluoranthene	23.416	252	1835341	20.519	ng/ul	100
93)	Benzo(a)pyrene	24.039	252	1630830	20.185	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.857	276	1860296	18.584	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.874	278	1567228	18.885	ng/ul	100
96)	Benzo(g,h,i)perylene	27.692	276	1477426	18.656	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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